HPE Aruba Networking 570EX Series Hazardous Location Access Points

What's new

- Class 1 Division 2 and ATEX Zone 2 certified outdoor Wi-Fi 6 access points provide up to 2.69 Gbps maximum aggregate data rate
- Purpose built for hazardous locations and to survive in some of the harshest outdoor environments and extreme temperatures (-40˚C to +65˚C)
- Provides policy enforcement for wireless traffic through dynamic segmentation
- Ready for Internet of Things (IoT) with a built-in Bluetooth 5 and 802.15.4

Overview

HPE Aruba Networking 570EX Series Hazardous Location Access Points provide high-performance wireless connectivity for outdoor hazardous locations like oil fields and rigs, mining facilities, and environments with explosive atmospheres and vapors that require Class 1 Division 2 or ATEX Zone 2 requirements. With Wi-Fi 6 capabilities, Bluetooth 5 and 802.15.4/Zigbee radios, and maximum aggregate data rate of 2.69 Gbps, the 570EX series delivers speed and reliability needed to bring Wi-Fi to hazardous locations.

These ruggedized outdoor access points (APs) are purpose-built for hazardous locations and can be quickly deployed using zero touch provisioning. HPE Aruba Networking Central provides a single pane of glass for overseeing wired and wireless LANs, WANs, and VPNs. AIpowered analytics, endtoend orchestration and automation, and advanced security

radio that supports Zigbee

- Client and RF optimization to match clients with the best available access point and reduce coverage gaps
- Dynamic segmentation and policy enforcement firewalls automatically enforces consistent policies across networks, keeping users and devices secure

features are built natively into the solution. The 570EX series includes a limited lifetime warranty.

Features

Ruggedized Outdoor Wi-Fi 6

HPE Aruba Networking 570EX Series Hazardous Location Access Points provide Class 1 Division 2 and ATEX Zone 2 certification to operate in hazardous locations and provide up to 2.69 Gbps combined peak data rate. It provides high-performance wireless connectivity for outdoor hazardous locations.

The series supports the Wi-Fi 6 standard, including features such as orthogonal frequency-division multiple access (OFDMA), bi-directional multi-user MIMO (MU-MIMO), and target wait time (TWT).

It offers enhanced wireless experience with HPE Aruba Networking ClientMatch technology that removes sticky client issues by steering a client to the AP where it receives a good radio signal.

Deploy In Hazardous Locations

HPE Aruba Networking 570EX Series Hazardous Location Access Points are purpose-built to survive in some of the harshest outdoor hazardous locations and can withstand extreme temperatures, persistent moisture and precipitation, and are fully sealed to keep out airborne contaminants.

Weatherproof and temperature hardened, this series can handle temperatures ranging from -40˚C to +65˚C, including full sun deployments.

The series is Class 1 Division 2 and ATEX Zone 2 certified for the most extreme indoor and outdoor areas with ignitable concentrations of flammable gases, vapors, or liquids.

IoT Ready

HPE Aruba Networking 570EX Series Hazardous Location Access Points can serve as IoT platforms that bolster network security and provide coverage for a range of IoT devices without the need for network overlays.

Supports Bluetooth 5 and Zigbee wireless protocols through an integrated IoT radio, and third-party expansion with an integrated USB port.

Target wake time (TWT) improves battery life of IoT devices.

HPE Aruba Networking Central Client Insights uses deep packet inspection to provide additional context and behavioral information that help verify devices are receiving proper policy enforcement and continuously monitor for rogue devices.

Enhanced Security

HPE Aruba Networking 570EX Series Hazardous Location Access Points offer enhanced security with dynamic segmentation to remove time-consuming and error-prone task of managing complex and static VLANs, ACLs, and subnets by dynamically assigning policies and keeping traffic protected and separated.

The 570EX series offers stronger encryption and authentication with WPA3, protected credentials/keys storage for guest access with Enhanced Open, and user and IoT access policy enforcement firewalls (PEFs).

It simplifies policy enforcement by using a PEF to encapsulate traffic from the AP to the gateway (or mobility controller) for end-to-end encryption and inspection.

For enhanced device assurance, HPE Aruba Networking APs include an installed trusted platform module (TPM).

Technical specifications	HPE Aruba Networking 570EX Series Hazardous Location Access Points
Deployment	Hardened Outdoor Ruggedized
Wi-Fi generation	Wi-Fi 6 (802.11ax)
Wi-Fi radios	2x2 (2.4 GHz), 4x4 (5 GHz)
Radio configuration options	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), peak data rate 2.69 Gbps, maximum data rate 5.38 Gbps
Wi-Fi antenna	AP-575EX models: Built-in omni-directional antennas AP-577EX models: Built-in 90°H x 90°V directional antennas
Ultra tri-band (UTB) filtering	No
IoT support	Bluetooth 5 or 802.15.4 (Zigbee)
Integrated sensor	No
Location services	802.11 FTM support
Cellular support	No
Wired network interface	1 x 2.5GbE, 1 x 1GbE
MACsec support	No
Ports	E0: HPE Smart Rate port (RJ-45) E1: 100/1000BASE-T (RJ-45) USB-C console interface
AP operating system support	HPE Aruba Networking Operating System 8 and HPE Aruba Networking Instant OS HPE Aruba Networking Operating System 10
AP management	On-premises Public Cloud Virtual Private Cloud (VPC) as a Service
Certifications	CB Scheme Safety, cTUVus Wi-Fi Alliance® CERTIFIED 802.11a/b/g/n/ Wi-Fi CERTIFIED® 6 (802.11ax) Wi-Fi CERTIFIED ac (with Wave 2 features) Wi-Fi CERTIFIED Location Class 1 Div 2 ATEX Zone 2

Technical specifications	HPE Aruba Networking 570EX Series Hazardous Location Access Points
Regulatory	FCC/ISED CE Marked RED Directive 2014/53/EU EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU IEC/EN/UL 62368-1 EN 60601-1-1, EN60601-1-2
Warranty	Limited lifetime warranty. See the warranty duration.

SKU overview

SKU	Description
R4W30A	HPE Aruba Networking AP-575EX (EG) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Omni Hazloc Access Point
S5D95A	HPE Aruba Networking AP-575EX (ID) Dual Radio 4x4/2x2 802.11ax Int Omni Ants HazLoc Outdoor AP
R4W31A	HPE Aruba Networking AP-575EX (IL) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Omni HazLoc Access Point
R4W32A	HPE Aruba Networking AP-575EX (JP) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Omni HazLoc Access Point
R4W33A	HPE Aruba Networking AP-575EX (RW) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Omni HazLoc Access Point
R4W34A	HPE Aruba Networking AP-575EX (US) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Omni HazLoc Access Point
R4W35A	HPE Aruba Networking AP-577EX (EG) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Directional HazLoc AP
S5D96A	HPE Aruba Networking AP-577EX (ID) Dual Radio 4x4/2x2 802.11ax Int Dir Ants HazLoc Outdoor AP
R4W36A	HPE Aruba Networking AP-577EX (IL) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Directional HazLoc AP
R4W37A	HPE Aruba Networking AP-577EX (JP) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Directional HazLoc AP
R4W38A	HPE Aruba Networking AP-577EX (RW) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Directional HazLoc AP
R4W39A	HPE Aruba Networking AP-577EX (US) Dual Radio 2x2/4x4 Wi-Fi 6 Internal Directional HazLoc AP

Related Options

The following options are available for these series:

SKU	Description
Enterprise Networking Products	
Q8N47A	HPE Aruba Networking Otdr AP Covers/Glands 1pk M25/5pk M20 Cover and Gland/2pk M16 Cover Ground Kit
Q8N48A	HPE Aruba Networking Outdoor AP Metric to Standard M20 to 1/2 inch NPT 5-pk Thread Adapter
Mounting Rack/Rail Options	
R6W11A	HPE Aruba Networking AP-270-MNT-H3 Outdoor AP Hanging Dual-Tilt Pole/Wall Mounting Bracket
R9H97A	HPE Aruba Networking AP-OUT-MNT-V1A Outdoor AP Long Arm Pole/Wall Mounting Bracket
Power Management Options	
R6P67A	HPE Aruba Networking AP-POE-ATSR 1-Port Smart Rate 802.3at 30W Midspan Injector
R1C73A	HPE Aruba Networking AP-POE-BTSR 1-Port Smart Rate 802.3bt 60W Midspan Injector
JW113A	HPE Aruba Networking PC-AC-ARG 250V/10A 1.8m C13 to IRAM 2073 (AR) AC Power Cord
JW114A	HPE Aruba Networking PC-AC-AUS 250V/10A 1.8m C13 to AS3112 (AU) AC Power Cord
JW115A	HPE Aruba Networking PC-AC-BR 250V/10A 1.8m C13 to NBR 14136 (BR) AC Power Cord
JW116A	HPE Aruba Networking PC-AC-CHN 250V/10A 1.8m C13 to GB2099 (CH) AC Power Cord
JW117A	HPE Aruba Networking PC-AC-DEN 250V/10A 1.8m C13 to AFSNIT 107-2-D1 (DK) AC Power Cord
JW118A	HPE Aruba Networking PC-AC-EC 250V/10A 1.8m C13 to CEE7/7 (EU) AC Power Cord
JW120A	HPE Aruba Networking PC-AC-IL 250V/10A 1.8m C13 to SI32 (IL) AC Power Cord
JW121A	HPE Aruba Networking PC-AC-IT 250V/10A 1.8m C13 to CEI 23-50 (IT) AC Power Cord
JW122A	HPE Aruba Networking PC-AC-JPN 125V/12A 1.8m C13 to JISC 8303 (JP) AC Power Cord
JW123A	HPE Aruba Networking PC-AC-KOR 250V/7A 1.8m C13 to KSC 8305 (KR) AC Power Cord
JW124A	HPE Aruba Networking PC-AC-NA 125V/10A 1.8m C13 to NEMA 5-15P (NA) AC Power Cord
JW125A	HPE Aruba Networking PC-AC-SWI 220V/10A 1.8m C13 to SEV 1011 (SW) AC Power Cord
JW126A	HPE Aruba Networking PC-AC-TW 125V/7A 1.8m C13 to CNS 10917 (TW) AC Power Cord
JW127A	HPE Aruba Networking PC-AC-UK 250V/10A 1.8m C13 to BS1363 (UK) AC Power Cord
JW128A	HPE Aruba Networking PC-AC-ZA 250V/10A 1.8m C13 to SANS 164-1 (ZA) AC Power Cord
R7T40A	HPE Aruba Networking PD-9501-5GCO-AC 60W 802.3bt Smart Rate Otdr Surge Protection Midspan Injector
R7T41A	HPE Aruba Networking PD-9501-5GCO-DC 60W 802.3bt Smart Rate Otdr Surge Protection Midspan Injector
Wireless Devices	
S1E83A	HPE Aruba Networking AP-503 (RW) 10-Pack Dual Radio 2x2:2 Wi-Fi 6 Campus Access Point

S1E84A	HPE Aruba Networking AP-503 (US) 10-Pack Dual Radio 2x2:2 Wi-Fi 6 Campus Access Point

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

— Planning, audit, and assessment
— Architecture review and design
— Deployment, migration, and knowledge transfer

Annual subscription services include:

— Network optimization
— Intelligent Operations
— Customer Experience Management

Our Education Services allow your team to come up to speed quickly.

GreenLake for Networking

Deliver innovative business outcomes by leveraging new ways to consume, deploy and manage networks.

For additional technical information, available models and options, please reference the QuickSpecs

Visit HPE.com

Chat now

© Copyright 2026 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Bluetooth is a trademark owned by its proprietor and used by Hewlett Packard Enterprise under license. All third-party marks are property of their respective owners.

Image may differ from the actual product.

PSN1012841376WWEN, October, 2026.

HEWLETT PACKARD ENTERPRISE

hpe.com